

Abstract

A transmission, a torque converter and a clutch combine interchangeable based on a concept of gears' oil pump built in a frame that resembles automatic transmission planetary carriage. The high and the low pressure sides of said pump can be fully or partially connected or totally blocked by valves, automatic or manually controlled. Each status of said pump determines how much engine torque multiplication will take place and if the clutch engagement or disengagement will occur. This concept can be used as a stand alone clutch only or with a gear box to enhance to a torque converter as well.